

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	6998	"181"/.clas. and (speaker or vibration) and (hole or cutout or slit or slot or opening or gap or space)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/17 11:33
S4	5837	S3 and (wall or frame of automobile or vehicle or panel or door)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/17 13:35
S5	1498	181/150,151,146,166,148,199,207, 208.ccls. and (speaker or vibration) and (hole or cutout or slit or slot or opening or gap or space)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/17 10:37
S11	885	381/301,302,86,353,354,160,389. ccls. and (speaker or vibration) and (hole or cutout or slit or slot or opening or gap or space)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 15:47
S12	763	S11 and (wall or frame of automobile or vehicle or panel or door)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 16:29
S14	52	YOSHIMI-TOSHIKAZU.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 16:32
S15	9	YOSHIDA-KENSAKU .in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 16:33
S17	2415	PIONEER-CORPORATION.as.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 16:33
S18	253	S17 and vibration	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 16:35
S19	130	S18 and speaker	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/16 16:34
S37	577	"181"/.clas. and (speaker and vibration) and (aperature or port or vent or "cut out")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/17 09:30

## EAST Search History

S42	167	("181".clas. or "381".clas.) and (vibration same (wall or door or panel)) and speaker and (automobile or vehicle)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/17 10:07
S44	71	S42 and door	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/17 10:09
S45	38	S37 and door	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/17 10:09
S61	6998	"181"/.clas. and (speaker or vibration) and (hole or cutout or slit or slot or opening or gap or space)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/17 13:36
S62	642	S61 and (automobile or vehicle) same (panel or wall or door)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/17 13:36